

Comparisons of Job Characteristics

Focus Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation: Athletic Trainers (29-9091)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation: Athletic Trainers (29-9091)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	18.0	20.3	> Current knowledge level is likely sufficient
Medicine and Dentistry	3.7	17.9	13.6	<< Extensive education and/or training may be required
Therapy and Counseling	3.8	15.8	10.9	<< Extensive education and/or training may be required
Psychology	6.4	14.5	15.7	0 Current knowledge level may be sufficient
Education and Training	9.2	13.6	12.1	< Expanded education and/or training may be required
Clerical	7.3	13.0	9.9	<< Extensive education and/or training may be required
Biology	3.7	11.6	8.0	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation: Athletic Trainers (29-9091)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Monitoring	9.9	13.0	9.8	<< Extensive development of skills in this area may be required
Social Perceptiveness	9.1	12.9	10.6	< A higher skill level may be required
Instructing	7.8	11.8	10.7	< A higher skill level may be required
Service Orientation	7.9	11.8	10.8	0 Current skill level may be sufficient

Learning Strategies	7.2	11.0	8.1	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 92			
Focus Occupation: Orthotists and Prosthetists (29-2091)					
Associated Occupation: Athletic Trainers (29-9091)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	15.5	13.7	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	14.8	13.6	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.6	12.9	<	Some improvement in abilities may be required
Speech Recognition	9.9	13.4	10.4	<<	Extensive improvement in abilities may be required
Static Strength	5.0	10.0	5.1	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	7.2	2.2	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	6.9	2.8	<<	Extensive improvement in abilities may be required
Dynamic Flexibility	1.2	2.2	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 73
Focus Occupation: Orthotists and Prosthetists (29-2091)		
Associated Occupation: Athletic Trainers (29-9091)		
Work Activities		Exclusivity of Activity
Administer medications or treatments		46
Identify body response variations		57
Observe patient condition		48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated Occupation: 65

Focus Occupation: Orthotists and Prosthetists (29-2091)

Associated Occupation: Athletic Trainers (29-9091)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Diagnostic assessment and exam products for general use	21
Industry specific software	1
Information exchange software	1
Medical exam size measuring devices	24
Medical gloves and accessories	19
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.